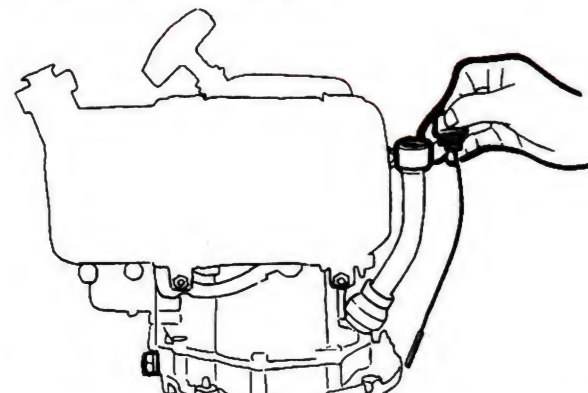


# MAINTENANCE

• Shut the engine off before performing any maintenance.

## First 20 Hrs. operating

### CHANGE ENGINE OIL



- ★ Engine oil capacity: 0.7 lit. (1.5 US.pt., 1.2 Imp.pt.)
- ★ Use SAE 10W-30 or 10W-40 engine oil SE rated.
- ★ Remove the drain bolt on side and tilt the engine or remove alen drain bolt on bottom to ensure complete drainage.

## Every 50 Hrs. operating

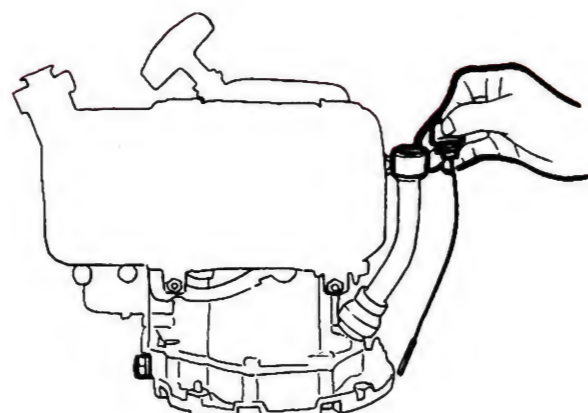
### CLEAN AIR CLEANER



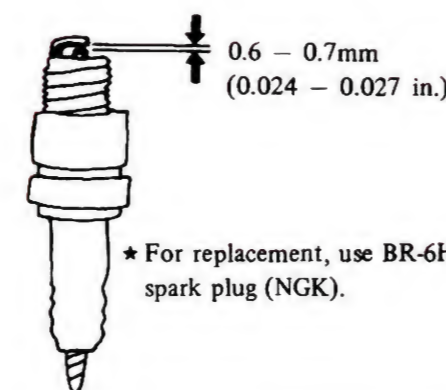
- ★ Wash element in cleaning solvent. After drying, soak in clean engine oil and squeeze out the excess.
- ★ Clean more frequently, if operating in dusty area.

## Every 100 Hrs. operating

### CHANGE ENGINE OIL



### CLEAN SPARK PLUG AND CHECK AIR GAP



- ★ For replacement, use BR-6HS or B-6HS spark plug (NGK).

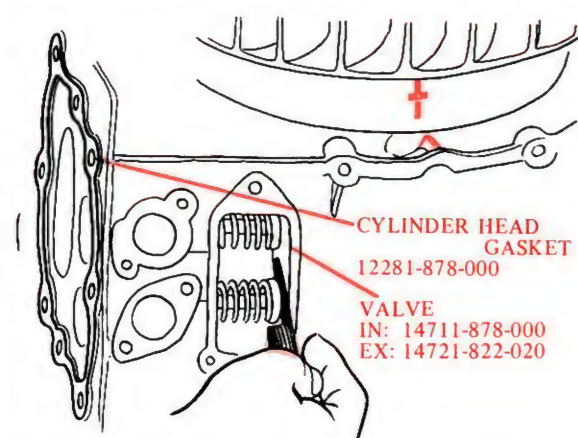
### CHECK FUEL TUBE

- ★ Check fuel tube every 300 hours. Replace, if necessary.

## ADJUSTMENT

Our recommendation is that you should consult the dealer from whom you purchased the unit, when these maintenance jobs as described here are to be performed.

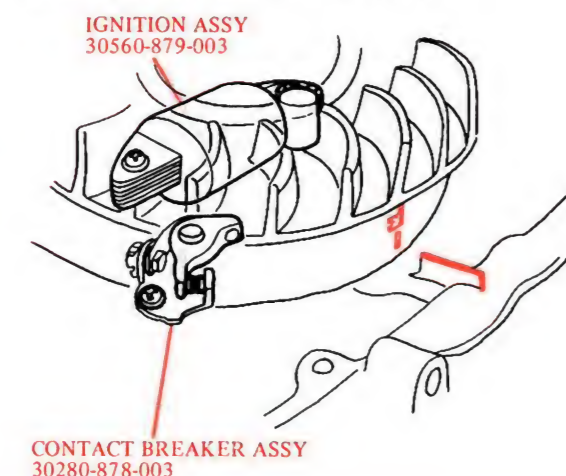
### ADJUST TAPPET CLEARANCE



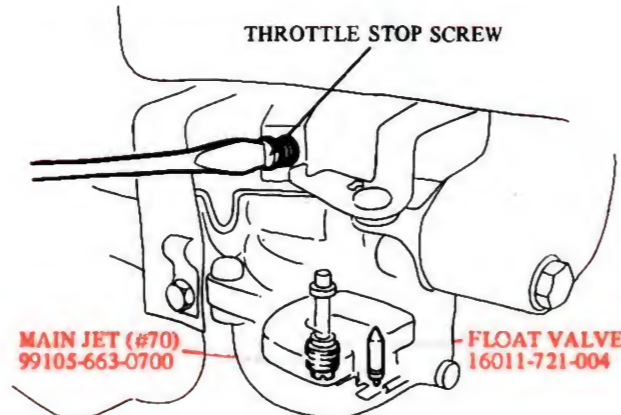
- ★ Measure at TDC on compression when engine is cold.
- ★ STANDARD: 0.05-0.10 mm (0.002-0.004 in.)
- ★ If the clearance is less than the standard limit, grind valve stem or replace valve.

### ADJUST IGNITION TIMING

- ★ Adjust contact breaker points so that they just start to open, when "F" mark on flywheel align the alignment mark on crank case.
- ★ IGNITION TIMING: 20° ± 3 BTDC



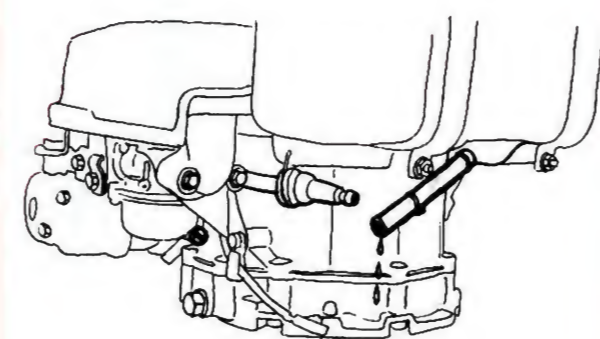
### ADJUST CARBURETOR SCREWS



- ★ Make sure that pilot screw is backed off 7/8 turn from fully closed. Then start engine, turn throttle stop screw either in or out as necessary until the specified idling rpm is obtained.
- ★ SPECIFIED IDLING RPM: 1,700 rpm (Single engine)

## BEFORE EXTENDED STORING

- Drain gasoline from fuel tank and carburetor. And change engine oil.
- WARNING: Use caution, gasoline is flammable.



- Leave engine with starter rope pulled until resistance is felt to avoid dust coming into engine.
- Store in a dust-free, dry area on a level surface.

Cycle, valve arrangement	4 cycle, side valve
Displacement	cc (cu. in.) 144 (8.8)
Max. output	HP/rpm 3.5/4,000
Rated output	HP/rpm 2.0/3,000
Max. torque	kg-m (lbs-ft) 0.67 (4.9)
Fuel consumption	g/HP-H (lb/HP-H) 310 (0.68)
Dry weight	kg (lbs) 14.0 (31.0)

ALL INFORMATION, ILLUSTRATIONS, DIRECTIONS AND SPECIFICATIONS INCLUDED IN THIS PUBLICATION ARE BASED ON THE LATEST PRODUCT INFORMATION AVAILABLE AT THE TIME OF APPROVAL FOR PRINTING. HONDA MOTOR CO., LTD. RESERVES THE RIGHT TO MAKE CHANGES AT ANY TIME WITHOUT NOTICE AND WITHOUT INCURRING ANY OBLIGATION WHATSOEVER.

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# HONDA GV35

## VERTICAL ENGINE

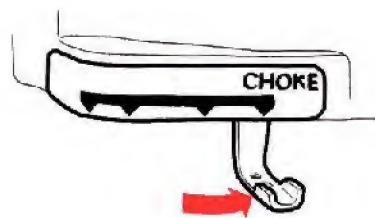
Click here to save this manual to your computer.



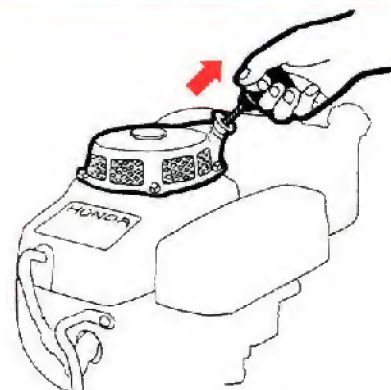
## OWNER'S MANUAL

Thank you for purchasing the HONDA GV35 vertical engine. If any trouble should develop with your unit, consult the dealer from whom you purchased it.

STARTING



Move control lever to "CHOKE."



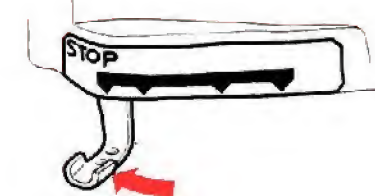
Pull recoil starter at a stretch.  
NOTE: Do not allow the starter rope to snap back.



When engine warms up, move control lever between "HIGH" and "LOW."

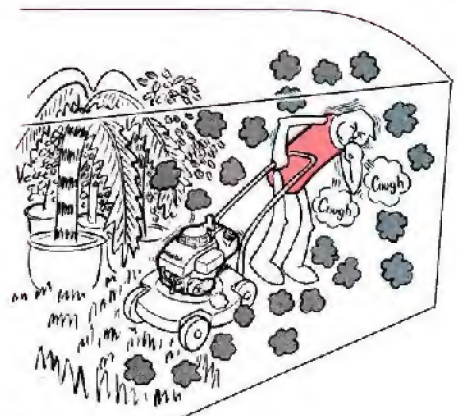
RUNNING

STOPPING



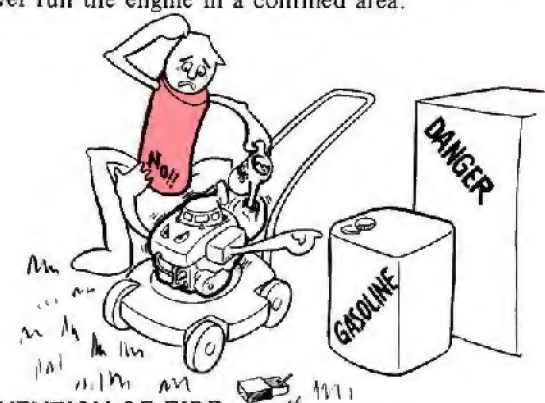
Move control lever to "STOP."

## FOR SAFE OPERATION



### EXHAUST GAS

- Exhaust contains poisonous carbon monoxide gas. Avoid inhalation of exhaust gases.
- Never run the engine in a confined area.



### PREVENTION OF FIRE

- Gasoline is extremely flammable and is explosive under certain conditions. Refuel in a well ventilated area with engine stopped. Do not smoke or allow open flames or sparks in the area where the GV35 is refueled or where gasoline is stored.

- Do not overfill the tank. (There should be no fuel in the filler neck.) After refueling, make sure the filler cap is closed securely.
- Gasoline is harmful or fatal if swallowed. Avoid repeated or prolonged contact with skin or breathing of vapor. Keep out of reach of children. If gasoline is swallowed, do not induce vomiting. Call a physician immediately.
- This engine is not equipped with a spark arrestor. Operating this engine may be illegal in some states. Check local laws and regulations before operation.

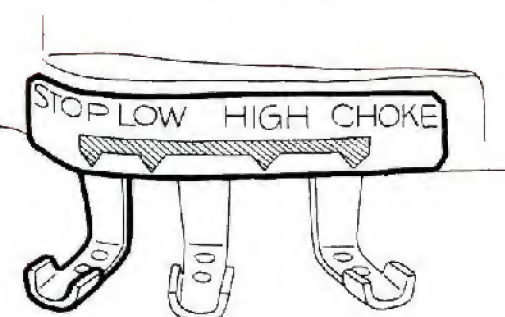


### OTHER PRECAUTIONS

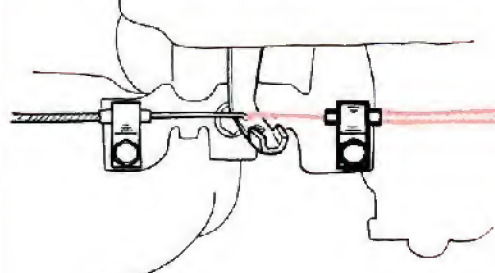
- Keep hands and feet clear of rotating parts.
- Don't touch to muffler during operation.
- Note that the unit of all bolts and nuts used on this engine is metric.
- Do not allow any grass, mud or dirt to collect around the recoil starter wire-netting or the fuel filler cap area. Keep these areas clean, or engine trouble may result.
- Do not put your feet or any articles on the fuel tank.
- Never attempt to modify your HONDA engine.

## PRE-OPERATION CHECK

### CONTROL LEVER



### THROTTLE CABLE STOPPER



- Throttle cable can be installed to either side in stopper.
- Use either hole of control lever for proper remote control operation.

### RECOIL STARTER

### SPARK PLUG CAP

### CARBURETOR

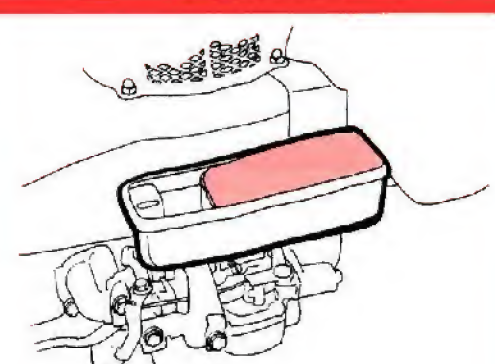
### MUFFLER

### OIL DRAIN PLUG

### FUEL FILLER CAP

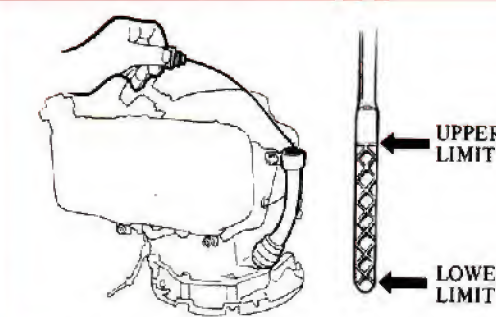
- Fill fuel tank with regular automotive gasoline.
- Tank capacity: 1.9 lit. (0.5 US gal, 0.4 Imp gal)
- Always replace cap securely.

### AIR CLEANER



- Check air cleaner element for clogging.

### OIL FILLER CAP



- Fill with clean engine oil to upper limit on level gauge.
- Engine oil capacity: 0.7 lit. (1.5 US.pt., 1.2 Imp.pt.)
- Use SAE 10W-30 or 10W-40 engine oil SE rated.